**GUÍA DE MATEMÁTICA**

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| NOMBRE: |  | | |
| CURSO: | 6° Básico | FECHA: | **Semana 17** |
| OBJETIVO: OA,2,3,4,5,11,12 (5º) | | | |
| Contenidos: Números. | | | |
| Objetivo de la semana: Demostrar comprensión de los objetivos trabajados durante el primer semestre. Resolviendo problemas, Desarrollando guía. | | | |
| Habilidad: Resolver problemas. | | | |

**Instrucciones**

Estimados alumnos y alumnas: En la siguiente guía de trabajo, deberán desarrollar las actividades planeadas para la clase que ha sido suspendida por prevención. Las instrucciones están dadas en cada ítem.

**¡Éxito!**

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| **Resolver Problemas** es dar una solución a alguna dificultad.  En la siguiente guía, vamos a demostrar todo lo que hemos aprendido durante este período de cuarentena. Sigue las instrucciones de cada una de las actividades.  **Cálculo Mental**  **Desarrolla las siguientes operaciones de forma mental y marca la alternativa con el resultado correcto:**   |  |  |  | | --- | --- | --- | | 14 · 2=  a) 24  b) 28  c) 18  d) 16 | 25·100=  a) 25  b) 250  c) 2.500  d) 25.000 | 64: 2=  a) 32  b) 64  c) 128  d) 256 |     **Multiplicación de números naturales**  **Estima el valor de las siguientes multiplicaciones redondeando los factores a la decena y marca la alternativa que más se acerca al resultado correcto.** Recuerda que estimar es dar un valor aproximado.   |  |  | | --- | --- | | 38· 21=  a) 700  b) 800  c) 600  d) 500 | 19·11=  a) 100  b) 200  c) 300  d) 400 |   **Resuelve las siguientes multiplicaciones y marca la alternativa con el resultado:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  | **4** | **5** | **·** | **2** | **5** |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  1. 600 2. 315 3. 1.125 4. 2.250 | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  | **1** | **2** | **·** | **5** | **0** |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  1. 60 2. 600 3. 62 4. 620 |   **Lee el siguiente problema y marca la operación que permite responder correctamente:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | b) |  |  | 2 |  |  |  |  |  |  |  | |  |  |  | 2 | 4 | · | 1 | 5 |  |  |  | |  |  | 1 | 2 | 0 |  |  |  |  |  |  | |  | + |  | 2 | 4 |  |  |  |  |  |  | |  |  | 1 | 4 | 4 |  |  |  |  |  |  | |  | Tiene 144 huevos la caja. | | | | | | | | | |   Una bandeja contiene 24 huevos. Si en una caja hay 15 bandejas ¿Cuántos huevos tiene la caja?   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | a) |  |  | 2 |  |  |  |  |  |  |  | |  |  |  | 2 | 4 | · | 1 | 5 |  |  |  | |  |  | 1 | 2 | 0 |  |  |  |  |  |  | |  | + | 2 | 4 | 0 |  |  |  |  |  |  | |  |  | 3 | 6 | 0 |  |  |  |  |  |  | |  | Tiene 360 huevos la caja. | | | | | | | | | | |   **División de números naturales**  **Agrupa los elementos en las cantidades solicitadas y completa la información:**   |  |  | | --- | --- | | Grupos de 3  Se formaron\_\_\_Grupos.  Sobran\_\_\_\_. | Grupos de 4  Se formaron\_\_\_Grupos.  Sobran\_\_\_\_. | |
| **Resuelve las siguientes divisiones y marca la alternativa con el resultado:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **2** | **5** | **:** | **4** | **=** |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |   a) 5  b) 6  c) 7  d) 8 | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **3** | **4** | **6** | **:** | **5** | **=** |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |   a) 71  b) 70  c) 69  d) 68 | |
| **Lee el siguiente problema y marca la operación que permite responder correctamente:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | b) | |  |  |  | 5 | 0 | : | 6 | = | 8 |  |  | |  |  | - | 4 | 8 |  |  |  |  |  |  | |  |  |  |  | 2// |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  | |  | Alcanza a hacer 8 bolsitas y sobran 2 calugas. | | | | | | | | | |  |  | | --- | | a) | |  |  |  | 5 | 0 | : | 6 | = | 1 | 1 |  | |  |  | - | 6 |  |  |  |  |  |  |  | |  |  |  | 1 | 0 |  |  |  |  |  |  | |  |  |  |  | 6 |  |  |  |  |  |  | |  |  |  |  | 4 |  |  |  |  |  |  | |  | Alcanza a hacer 11 bolsitas y sobran 4 calugas. | | | | | | | | | |   Juan compró una cajita con 50 calugas y quiere agruparlas de forma equitativa en 6 bolsitas. ¿Cuántas bolsitas alcanza a hacer? ¿Sobran calugas? | |
| **Operatoria Combinada**  **Marca la letra de los ejercicios que fueron desarrollados en el orden correcto.**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **2** | **·** | **9** | **+** | **4** | **0** | **:** | **2** | **-** | **5** | |  | 1 | 8 | + | 4 | 0 | : | 2 | - | 5 | |  |  |  | 5 | 8 |  | : | 2 | - | 5 | |  |  |  |  |  | 2 | 9 |  | - | 5 | |  |  |  |  |  |  |  | **2** | **4** |  |   **a)** | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **2** | **·** | **9** | **+** | **4** | **0** | **:** | **2** | **-** | **5** | **=** | |  | 1 | 8 | + | 4 | 0 | : | 2 | - | 5 |  | |  | 1 | 8 | + |  | 2 | 0 |  | - | 5 |  | |  |  |  | 3 | 8 |  |  |  | - | 5 |  | |  |  |  |  |  |  | **3** | **3** |  |  |  |   **b)** | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **(9** | **+** | **1** | **6)** | **+** | **(1** | **8** | **·** | **5)** | **+** | **1** | |  | 2 | 5 |  | + | (1 | 8 | · | 5) | + | 1 | |  |  |  | 4 | 3 |  |  | · | 5 | + | 1 | |  |  |  |  |  | 2 | 1 | 5 |  | + | 1 | |  |  |  |  |  |  |  |  | **2** | **1** | **6** |   **a** | **b)**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **(9** | **+** | **1** | **6)** | **+** | **(1** | **8** | **·** | **5)** | **+** | **1** | |  | 2 | 5 |  | + |  | 9 | 0 |  | + | 1 | |  |  |  | 1 | 1 | 5 |  |  |  | + | 1 | |  |  |  |  |  |  |  |  | **1** | **1** | **6** | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **a** | **(3** | **2** | **-** | **1** | **2)** | **:** | **(1** | **5** | **-** | **1** | **0)** | **+** | **3** | |  |  | 2 | 0 |  |  | : |  | 5 |  |  |  | **+** | 3 | |  |  |  |  |  | 4 |  |  |  |  |  |  | **+** | 3 | |  |  |  |  |  |  |  |  |  |  | 7 |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **b** | **(3** | **2** | **-** | **1** | **2)** | **:** | **(1** | **5** | **-** | **1** | **0)** | **+** | **3** | |  | 3 | 2 | - | 1 | 2 | : | 1 | 5 | - |  | 1 | 3 |  | |  |  |  | 2 | 0 |  | : |  |  | 2 |  |  |  |  | |  |  |  |  |  |  | 1 | 0 |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | |
| **Números decimales**  **Marca la alternativa en donde los números decimales están ubicados correctamente en la recta numérica:**    a)  ***0,5***  ***0,3***  ***0,1***    b)  ***0,5***  ***0,3***  ***0,1***    c)  ***0,5***  ***0,3***  ***0,1***    d)  ***0,5***  ***0,3***  ***0,1*** |
| ***“0,2 es igual a 0,20”*. Esta afirmación es verdadera porque:**  a) 20 es igual a 2  b) Todos los números decimales tienen el mismo valor  c) Según el valor posicional de los decimales, representan la misma cantidad.  d) Los decimales son iguales que los enteros. |
| **Marca la alternativa que contiene decimales ordenados de MENOR A MAYOR**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | a) | 0,1 | 0,10 | 0,100 | 0,500 | | b) | 0,002 | 0,02 | 0,1 | 0,2 | | c) | 0,1 | 0,02 | 0,002 | 0,001 | | d) | 0,4 | 0,3 | 0,2 | 0,1 | |
| **Adición y sustracción de decimales**  **Encierra la letra de los ejercicios que están correctamnete desarrollados:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 0**,** | 2 | 3 |  | | + | 0**,** | 3 | 1 | 5 | |  | **0,** | **5** | **4** | **5** |   a) 0,23 + 0,315 | b) 0,23 + 0,315   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | 0**,** | 2 | 3 | | + | 0**,** | 3 | 1 | 5 | |  | **0,** | **3** | **3** | **8** | | | a) 0,492 - 0,31   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 0**,** | 4 | 9 | 2 | | - | 0**,** | 3 | 1 | 0 | |  | **0,** | **1** | **8** | **2** | | b) 0,492 - 0,31   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 0**,** | 4 | 9 | 2 | | - |  | 0**,** | 3 | 1 | |  | **0,** | **4** | **6** | **1** | | | **¿Por qué se debe respetar la posición de la coma al sumar o restar decimales?**  **¡Bien hecho!**  a) Porque la coma nos permite ordenar los números decimales de acuerdo a su valor posicional.  b) Porque la coma indica hacia que lado debo empezar la operación.  c) Porque la coma es equivalente a un décimo.  d) Porque la coma es equivalente a un centésimo. | | |